



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 2044

<b>SERIAL NUMBER</b> 10/087,322	<b>FILING OR 371(c) DATE</b> 02/28/2002 <b>RULE</b>	<b>CLASS</b> 324	<b>GROUP ART UNIT</b> 2862	<b>ATTORNEY DOCKET NO.</b>
<b>APPLICANTS</b> Gary L. Frederick, Rockford, IL; Richard A. Rose, Roscoe, IL;				
<b>** CONTINUING DATA *****</b> This appln claims benefit of 60/272,200 02/28/2001 <i>OK</i>				
<b>** FOREIGN APPLICATIONS *****</b>				
<b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED** SMALL ENTITY **</b> ** 04/04/2002				
Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after met Allowance		<b>STATE OR COUNTRY</b> IL	<b>SHEETS DRAWING</b> 10	<b>TOTAL CLAIMS</b> 21
Verified and Acknowledged Examiner's Signature <i>[Signature]</i> Initials		<b>INDEPENDENT CLAIMS</b> 3		
<b>ADDRESS</b> 20606				
<b>TITLE</b> Methods and apparatus for sensing angular position and speed of a rotatable shaft utilizing linearized annular magnet and commutated ratiometric hall sensors				
<b>FILING FEE RECEIVED</b> 444	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	